

CLAIMS

1. A disposable handkerchief-bag device, of those acquiring a regular shaped surface by means of an unfolding motion, made of a flexible and absorbent material, formed from two square sheets (A, B) of said material arranged such that their vertexes coincide, characterized in that the device is obtained from a folding system, comprising:
- 5 - folding of the superimposed sheets (A, B) on a diagonal fold line (1) such that one half (C) is folded over the other half (C'), resulting in an isosceles right-angled triangle,
- 10 - folding of the two vertexes of the acute angles according to fold lines (3) parallel to the height of the isosceles right-angled triangle, equidistant between said height and said vertexes, one in the front portion and the other one in the back portion, obtaining a pentagon having two consecutive right angles,
- 15 - folding of the vertexes of said right angles according to fold lines (6) spanning from the obtuse angles of the pentagon to the center of the common side of the two right angles, one in the front portion and the other one in the back portion,
- folding of the right-angled triangles resulting after the first fold towards both sides along fold line (8) defining the limit of the last two folded triangles, and
- turning the assembly inside out such that the inner portion becomes the outer portion and vice versa.
- 20 2. A device according to claim 1, characterized in that the folding system contains a planar and regular shape (13) when it is not in use.
3. A device according to claims 1 and 2, characterized in that the folding system contains an open side (11), enabling its opening and bag formation.
- 25 4. A device according to claims 1 and 2, characterized in that the folding system contains at least two closed sides forming the outer wall (H) and inner wall (G) of the bag.
5. A device according to claims 1 to 4, characterized in that the folding system contains inner closure means (12).
- 30 6. A device according to claims 1 to 5, characterized in that the folding system contains outer grip means (9).
7. A device according to claim 5, characterized in that the inner means (12) contain two tabs on the inner sides (G) of the walls of the bag with one end fixed respectively on the side of the opening (11) of the bag and the other ends being free resulting from the folding system.
- 35 8. A device according to claim 7, characterized in that the inner means (12)

contain an area for self-adhesive or for any other conventional closure possibility.

9. A device according to claim 6, characterized in that the outer grip means (9) are located along the two opposite closed sides resulting from the folding system, and allow introducing two or more fingers for a secure grip.

5 10. A device according to any of the previous claims, characterized in that the shape of the bag is carried out by means of folding, partial folds with a union of the parts through sealing, gluing, molding or any other small-scale or industrial process.

10 11. A device according to any of the previous claims, characterized in that the flexible, absorbent and filtering material is chosen from any cellulose material, such as paper, plastic or the like.